Marlin® Owner's Manual

FOR MODELS: 60, 75, 99, 70
99M1, 989M2

IMPORTANT This manual contains operating, care and maintenance instructions. To assure safe operation, any user of this firearm must read this manual carefully. This manual should always accompany this firearm, and be transferred with it upon change of ownership. **WARNING: KEEP THIS FIREARM OUT OF THE REACH OF CHILDREN**

Before You Use This Firearm

It is very important that you read and understand these instructions before using your firearm. Warnings are highlighted in red, and should be read and heeded carefully. Also follow the safety rules listed in "Marlin's Guide to Gun Safety".

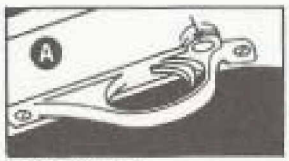
- **WARNING:** We specifically disclaim responsibility for any damage or injury occurring in connection with, or as the result of the use, in any Marlin manufactured firearm, of faulty, non-standard, "remanufactured", or handloaded (reloaded) ammunition.

- **WARNING:** Your rifle is shipped completely assembled and should not be used or disassembled without fully reading and understanding the instructions in this Owner's Manual.

How to Operate the Safety

- **WARNING:** Prior to firing, become familiar with the operation of the safety by practicing with the rifle unloaded.

The safety mechanism is a round button located behind the trigger. To put your rifle on SAFE, hold it in the normal shooting position, pointed in a safe direction, and push the safety button from left to right as far as it will go. The safety is now on SAFE (See A).



Safe Position

Fire (Off Safe) Position

To move your safety to the FIRE position, push the safety button from right to left as far as it will go. A red ring around the safety button will be visible when the safety is in the FIRE position (See B). If the trigger is pulled with the safety in this position, the gun will fire.

NOTE TO LEFT-HANDED SHOOTERS: The safety mechanism is designed for right-handed use and cannot be converted to left-hand operation.

- **WARNING:** Never disassemble the safety. It has been correctly designed, fitted and tested. Any mechanical device can fail, however, so never rely on the safety to justify careless handling. Never use a gun with a safety that does not function properly. (See instructions for factory maintenance on page 4.)

How to Load

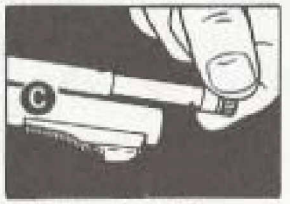
- **WARNING:** Your autoloader is a semi-automatic .22 caliber designed for .22 Long Rifle cartridges only. It will *not* function with Shorts, Longs or Shot cartridges, and damage or injury may result from their use.

- **WARNING:** Before loading your rifle, always check the bore to be sure it is free of grease, oil or any other obstruction. Never add cartridges to a partially loaded tubular magazine.

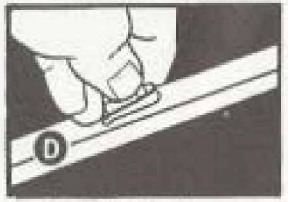
1. Tubular Magazine (Models 60, 75C and 990)

Be sure the chamber is empty, safety is on SAFE, bolt is closed, and the gun is pointed in a safe direction. To load the magazine, turn your autoloader upside down and, keeping your fingers away from the muzzle, unlock the inner magazine tube by turning the knurled locking end plug (See C). Extract the inner tube from the outer tube until the loading port is exposed.

With the muzzle raised slightly, drop Long Rifle cartridges into the loading port, bullet end toward the muzzle (See D). When you have loaded up to 18 cartridges for Models 60 and 990, or 14 for Model 75C, slide the tube back in place, turning it slightly to ease passage over the loaded rounds. DO NOT FORCE THE TUBE DOWN. Then rotate the knurled locking end plug to the locked position.



Unlocking the tubular magazine



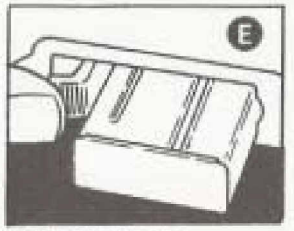
Loading the tubular magazine

The inner tube will not lock in place if the number of cartridges loaded exceeds the stated magazine capacity.

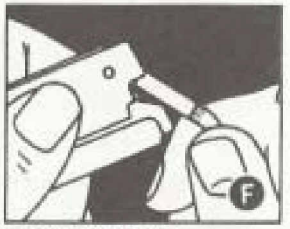
2. Clip Magazine (Models 70 and 995)

Depress the clip release (See E) and remove the clip from the rifle. Insert up to 7 cartridges as shown in F.

With the gun pointed in a safe direction, replace the loaded magazine, being sure it locks in place.



Releasing the clip magazine

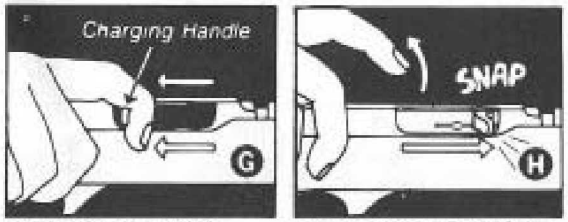


Loading the clip magazine

- **WARNING:** Your autoloader is not designed to be single-loaded. Always load cartridges through the tube or clip magazine as directed above.

Cocked and Ready

With the safety on SAFE, the rifle in normal shooting position, and pointed in a safe direction, pull the charging handle fully to the rear (See G) and let it snap forward freely (See H).



Pull charging handle all the way back

Let it snap forward freely

- WARNING: Your autoloader is cocked and ready to fire as soon as the safety is pushed to the FIRE position.

How to Fire

Push the safety to the FIRE position and, with the gun pointed at the target, squeeze the trigger. Since your rifle is an autoloader, after each shot is fired it is ready to be fired again. If you have not fired all cartridges at the target, be sure to put the safety on SAFE until you are ready to shoot again.

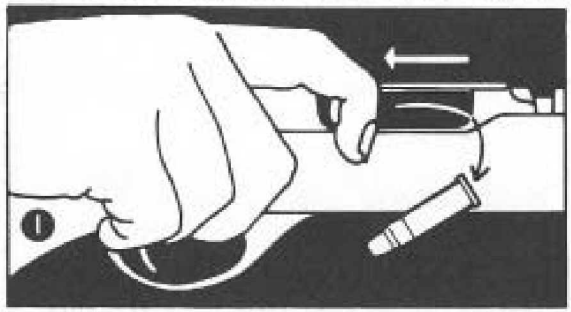
- WARNING: Because of its autoloading action, always assume that your rifle is cocked and loaded.

How to Unload

- WARNING: Before you unload, be sure your rifle is on SAFE and pointed in a safe direction, and that your fingers are away from the muzzle.

To unload your autoloader, you must first unload the magazine. This can be accomplished by either removing the clip, or unlocking and removing the inner magazine tube, and emptying all cartridges.

Then replace and lock the clip or tube back in position. Next, the action must be cleared by grasping the charging handle, pulling it fully to the rear (bolt open) and letting it snap forward freely. This must be done repeatedly until the ejection of cartridges ceases. See I, which illustrates clearing the action.



Clearing the action

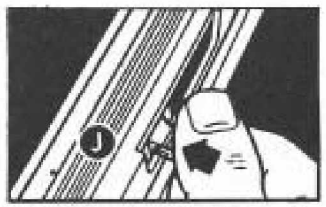
Finally, you must check the chamber and feed throat visually to be sure that no cartridges remain.

Bolt Hold-Open Safety Feature

The bolt-hold open is a device that locks the action in the open position (bolt to the rear). This allows you to see instantly whether any cartridges remain in the chamber or feed throat.

First, pull the charging handle all the way back, and hold it. Now engage the lock by pushing the charging handle to the left, in the direction of the arrow on the back of the handle. (See J). To close the action, pull the charging handle out to the right and let it snap forward freely.

The safest possible way to handle your autoloader is completely unloaded, with the action locked open, the safety on SAFE, and pointed in a safe direction.



Locking the action open

What to do if your rifle fails to fire

1. **Misfire.** If you have squeezed the trigger and nothing happens, remain in shooting position, pointing the gun in a safe direction. Count to 10, then unload the rifle completely. (See "How to Unload").

2. **Underpowered shot.** A "squib", or underpowered shot, should not occur if the ammunition is clean, dry, and factory loaded. You can tell if a shot is underpowered by the unusually low report it makes. Because the bullet may actually still be in the barrel, you must unload completely, clear the action, and look through the barrel to see if there is any obstruction. If there is, it should be removed by a qualified gunsmith.

Sighting

Your rifle has been sighted-in and test-fired at the factory. Due to individual shooting characteristics, however, sighting should be range verified.

1. **Vertical Correction** (elevation): To raise the point of impact, raise the rear sight, by moving the sight elevator rearward. To lower the point of impact, lower the rear sight, by moving the sight elevator forward.

2. **Horizontal Correction** (windage): To move the point of impact to the left, tap the rear sight base to the left. To move the point of impact to the right, tap the rear sight base to the right.

How to Clean your rifle

- WARNING: Never attempt to wipe down or clean a loaded gun. Follow instructions under "How to unload", before cleaning.

Cleaning the bore

With normal use it is not necessary to clean the bore of your autoloader. However, if your rifle gets wet, or if any foreign material gets into the action or barrel, cleaning as described below is recommended.

With the safety on SAFE, clear the action several times to be doubly sure no cartridges remain. Pull the charging handle back and lock the action open.

To clean the bore and barrel, use any standard 22 caliber commercial cleaning rod and cleaning patches. Clean the barrel with powder solvent and wipe lightly with gun oil after cleaning.

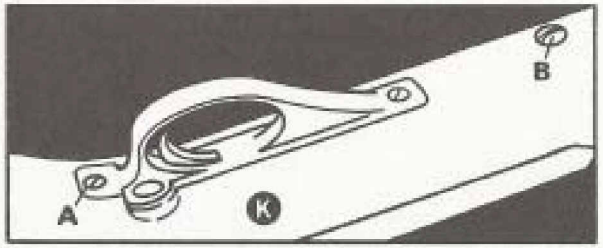
Cleaning the action

We recommend cleaning the inside of the receiver, bolt face, extractors, and butt end of the barrel (around the chamber) after firing each 250 rounds. (Frequency of cleaning may depend on brand of ammunition used.) A toothbrush and commercial gun cleaning solvent will simplify the job.

The steps listed below should be followed carefully to assure proper disassembly, cleaning and reassembly.

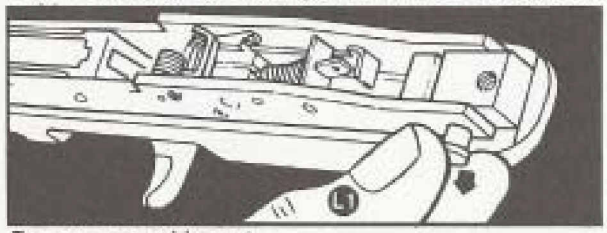
With the safety on SAFE, clear the action several times to be doubly sure no cartridges remain.

Step #1 — The magazine (tube or clip) should be removed in accordance with the procedure described under "How to Unload" on page 2.

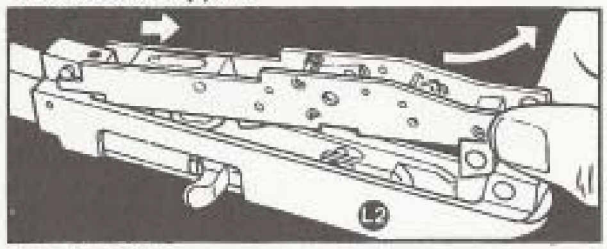


Remove take-down screws

Step #2 — Unscrew take-down screws A and B as shown in K. Separate the rifle into two segments, the first consisting of the stock and trigger assembly, the second consisting of the barrel and action.



Remove assembly post

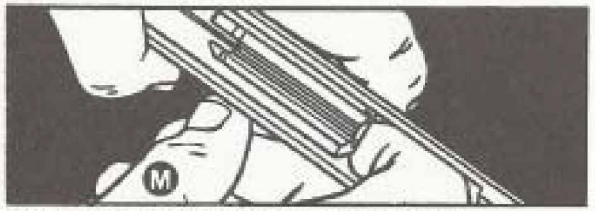


Remove action

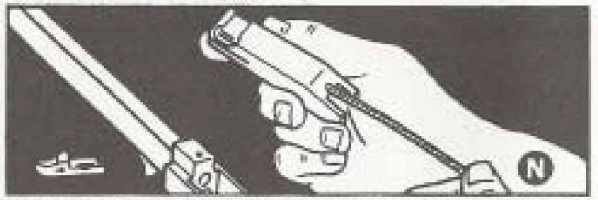
Release assembly post by squeezing slotted end. Pull post free of action. (See L1). Remove action by sliding it to the rear and up (See L2).

Step #3 — With the action removed, the bolt, charging handle, recoil spring and spring guide may now be removed. Pull the charging handle back slightly and with the forefinger of your other hand, lift the muzzle end of the breech bolt from the receiver (See M).

As you begin to lift the bolt out, the charging handle will become free and can be removed. The recoil spring and spring guide are now within easy reach for removal (See N).



Lift muzzle end of breech bolt from receiver



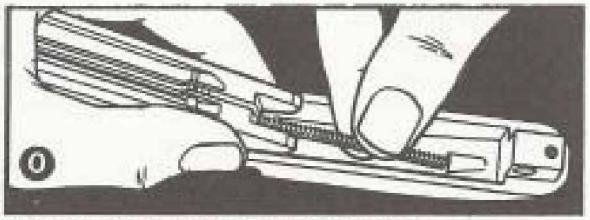
Remove charging handle, recoil spring, and spring guide

Step #4 — The barrel, receiver and action are now ready for thorough cleaning. The action should be cleaned in solvent, dried, and oiled sparingly prior to reassembly.

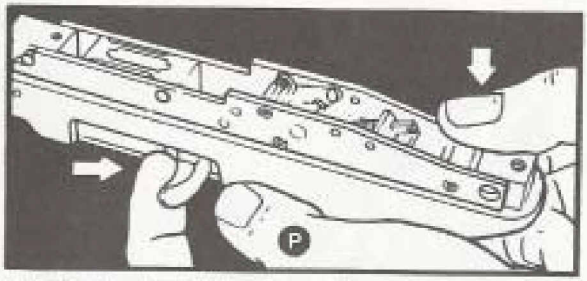
Further disassembly of the action is not recommended and should only be attempted by a Marlin Service Center, a qualified gunsmith, or the factory.

Step #5 — (Reassembly is easier if gun is secured in a padded vise, or held by an assistant.) To reassemble, place recoil spring guide into one end of recoil spring, then place opposite end of spring into breech bolt. Next, put recoil spring into hole at the rear of the receiver. To prevent kinking the spring, hold breech bolt and recoil spring in one hand and use the other hand to support the spring as shown in O, while compressing spring until guide enters breech bolt.

Step #6 — The charging handle can now be positioned through the ejection port. To complete the insertion of the breech bolt, be sure the charging handle fits into the slot provided for it in the bolt.



Support recoil spring to prevent kinking.



Pull charging handle back to replace action

Reinstall the action by pulling the charging handle back and reversing the action disassembly procedure (See P).

When reassembling the barrelled action and stock, be sure the receiver is seated as far *back* in the stock as it will go while tightening the take-down screw. Otherwise, the gun may not fire.

• WARNING Never attempt to wipe down or clean a loaded gun

Avoid the use of oil during below freezing conditions. Condensation droplets may form soon after the gun is brought into a warm room, or it may become wet during inclement weather. In any case, all moisture should be removed. Exterior metal finishes may be wiped down with a slightly oiled cloth. For long term storage, lightly oil the bore, barrel and action with gun oil. Your gun should be completely unloaded and stored in a dry area. Never store your gun in a carrying case.

Factory Repair Service

If you wish to return a gun to the factory, be sure to follow these instructions.

A. Be absolutely certain the firearm is not loaded prior to mailing.
B. Pack the firearm carefully. Use ample cushioning material and a sturdy outer cardboard box. Do not ship in a special container which you want returned.
C. Accessories such as scopes, scope mounts, gun cases, quick detach type swivels, sling straps etc. should be removed prior to returning the firearm.
D. Attach a complete letter of information to the outside of the package. The letter should describe the model number, serial number, description of the damage or problem, and under what conditions the difficulty occurs.
E. Clearly mark your return address on the outside of the box and your accompanying letter.
F. If the firearm is not covered by warranty, we will supply an estimate of the repair cost before proceeding with the work. Repairs will be made upon receipt of your check or money order. If repairs are not possible, the gun will be returned.
G. Please do not ship ammunition to the factory.
H. Ship your firearm via U.P.S. or insured Parcel Post. Shipment must be pre-paid and addressed to:

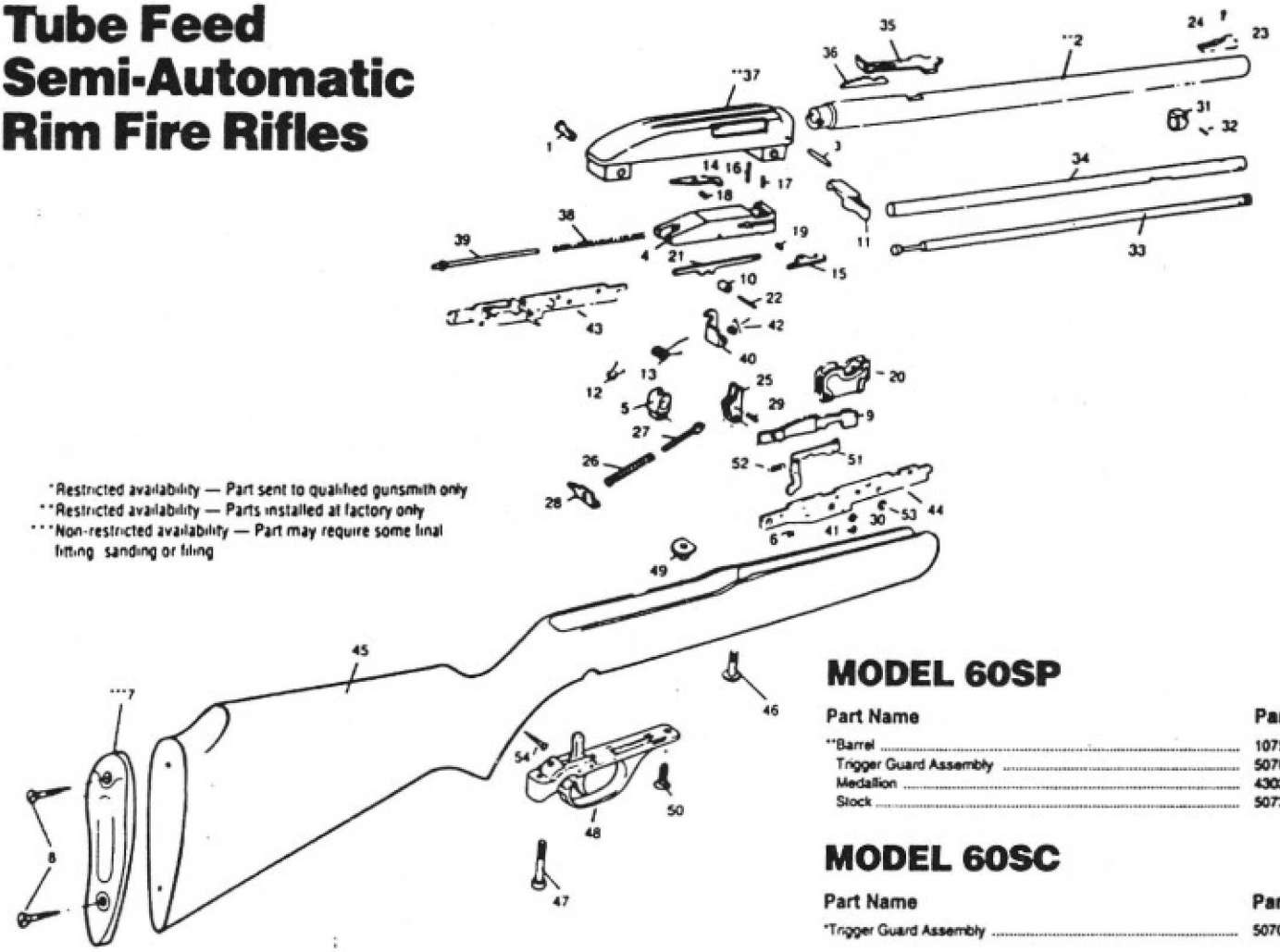
MARLIN GUN SERVICE
ATTN: REPAIR DEPARTMENT
100 KENNA DRIVE
NORTH HAVEN, CT. 06473

Marlin®

MODEL 60

See reverse side for Models 60 old style, 75, 75C and 990

Tube Feed Semi-Automatic Rim Fire Rifles



*Restricted availability — Part sent to qualified gunsmith only
**Restricted availability — Parts installed at factory only
***Non-restricted availability — Part may require some final fitting sanding or filing

MODEL 60SP

Part Name	Part No.
**Barrel	107540
Trigger Guard Assembly	507058
Medallion	430303
Stock	507317

MODEL 60SC

Part Name	Part No.
*Trigger Guard Assembly	507058

Ill. No.	Part Name	Part No.
1	Assembly Post	407997
**2	Barrel	107740
3	Barrel Retaining Pin	307897
	Breech Bolt Complete (Not Shown)	507186
4	Breech Bolt	107186
5	Buffer	407062
6	Buffer Pin Ring	407178
***7	Buttplate	320402
8	Buttplate Screw (2)	420590
9	Cartridge Lifter	307287
10	Cartridge Lifter Roller	307188
11	Charging Handle	207050
12	Disconnector Spring	407196
13	Ejector Lifter Spring	307295
14	Extractor Left Hand	320269
15	Extractor Right Hand	320369
16	Extractor Pin, Left Hand	320798
17	Extractor Pin, Right Hand	307097
18	Extractor Spring, Left Hand	407895
19	Extractor Spring, Right Hand	407895
20	Feedthroat	407285
21	Firing Pin	407299
22	Firing Pin Retaining Pin	307198
23	Front Sight	330144
24	Front Sight Screw	320593
25	Hammer	207173
26	Hammer Spring	407094
27	Hammer Strut	407179

Ill. No.	Part Name	Part No.
28	Hammer Strut Bridge	307075
29	Hammer Strut Pin	407199
	Hammer Complete (Consisting of above 5 Parts)	507173
30	Hammer Lifter Pin Ring	407178
31	Magazine Tube Band	220121
32	Magazine Tube Band Pin	420698
33	Magazine Tube Inside Complete	507922
34	Magazine Tube Outside	307923
35	Rear Sight With Elevator	520641
36	Rear Sight Elevator Only	320942
**37	Receiver	107160
38	Recoil Spring	307496
39	Recoil Spring Guide	307071
40	Sear	307151
41	Sear Pin Ring	407178
42	Sear Spring	407795
43	Sideplate Assembly, Left Hand	507164
44	Sideplate, Right Hand	207264
	Action Assembly Complete (Not Shown)	507287
45	Stock	507914
46	Takedown Screw, Front	307192
47	Takedown Screw, Rear	307392
48	Trigger Guard Assembly	507458
49	Trigger Guard Nut, Front	307491
50	Trigger Guard Screw, Front	307890
51	Bolt Release Lever	507163
52	Extension Spring	407796
53	Lever Retaining Ring	407252
54	Stock Reinforcement Screw	307790

Parts that differ from Model 60

MODEL 60 OLD STYLE

Part Name	Part No.
Assembly Post (Old Style)	320160
Assembly Post Screw (Old Style)	320592
Assembly Screw, Front (2) (Old Style)	320490
Buffer Pin (Old Style)	407196
Cartridge Lifter (Old Style) (Not Available) Use	707185
Disconnector Stud (Old Style)	307153
Disconnector Stud Ring (Old Style)	420052
Ejector/ Lifter Spring (Old Style) (Not Available) Use	707185
Feedthroat (Old Style) (Not Available) Use	707185
Feedthroat Conversion Kit (Not Shown)	707185
For models produced prior to June, 1960 requiring the Hammer, Hammer Strut, or the Hammer Strut Pin, the Hammer Complete must be used.	707173
Hammer/Lifter Pin (Old Style)	307098
Sear Pin (Old Style)	307797
Stock (Old Style) Prior to June, 1981	507213
Trigger Guard Complete Prior to October, 1981	Unavailable
Front Sight–Produced Prior to June, 1975	
Front Sight Complete	520544
Front Sight Binding Screw	407290
Magazine Tube Assembly–Produced prior to June, 1975	
Magazine Tube Inside Complete (Not Shown)	607222†
Magazine Tube Outside	220223†
Magazine Tube Retaining Pin	420597

MODEL 75, 75C

Part Name	Part No.
**Barrel	107210
Magazine Tube Inside Complete Old Style	507122†
Magazine Tube Inside Complete New Style	507622
Magazine Tube Outside Old Style	207123†
Magazine Tube Outside New Style	307623

† Manufactured prior to 1975

MODEL 990

Part Name	Part No.
**Barrel	107610
***Buttplate w/Spacer	320202
***Buttplate Spacer	320103
Front Sight Ramp Base	220339
Front Sight Ramp Base Screw (2)	320190
Front Sight Hood	320245
Front Sight Insert	330644
Front Sight Complete (Consisting of the above 4 parts)	520339
Rear Sight Base	520241
Rear Sight Elevator	320242
Rear Sight Folding Leaf	214142
Rear Sight Complete (Consisting of the above three parts)	514142
Stock	507417
Stock, Old Style (Made prior to Oct. 1981)	507113
Trigger Guard Complete	507258
Trigger Guard Complete (Old style made prior to Oct. 1981)	Unavailable

MODEL 990L

Part Name	Part No.
Brown Laminated Stock	507636
Barrel	107280